FY2022 Funding Application Workshop Wastewater Application Training

Specific Information about:

Infrastructure Construction Loan Funding



8/26/2021

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Welcome!

- -Introduce Ecology staff
- -General guidance
- -Open forum
- -Individual project introductions
 - Who you are
 - Who you represent
 - What kind of project(s) you have



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Overview / Agenda

- Ecology's loan funding program
- Requirements to apply
 - -Project "STEP"
 - -To apply for Subsidy
- Application overview (EAGL updates)
- Hardship form overview



Eligible Projects

- Planning, Design, Construction
 - · Change orders and bid overruns
 - Construction administration
 - Related supplies/tools
- Wastewater and Stormwater infrastructure
- CSO, I/I, sewers, lift stations, treatment, conveyance, reclaimed water
- On-site Septic System repair/replacement
- Large Onsite Septic Systems
- Irrigation Efficiency Projects
- Watershed restoration / Wetland protection
- Non point and Estuary protection projects
- Cost effective solutions



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What does "Cost Effective" mean?

- The right project,
- Designed to be the right size,
- Built at the right time,
- Using the right technology, and
- Embracing the right amount of complexity for the community.



What does "Cost Effective" really mean?

- Cost effective projects are developed through a public process.
- Cost effective projects solve a problem.
- Alternatives ways to solve the problem were considered.
- Cost effective projects result from meaningful comparison of alternatives.



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What are the requirements for Cost Effectiveness?

- Prepare a cost effectiveness analysis (CEA)
- Borrower must sign a certification that a CEA was prepared and that the project is cost effective use of public funds



Application Requirements

Vary based on type of project and project stage

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Step 1: Planning

No prerequisites



Step 2: Design

- Submit planning document to permit manager by 10/12/21.
- Upload planning document with the application.
- Receive approval of the planning document no later than 12/14/21.
- Complete cultural review prior to any ground disturbing activities.



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Step 3: Construction

- Submit design documents to permit manager by 10/12/21.
- Upload planning document with the application.
- Receive approval of the design document no later than 12/14/21.
- Successful applicants must complete SERP prior to executing a loan agreement.
- Complete cultural review prior to any ground disturbing activities.



Step 4: Design & Construct

- Total project cost \$7M or less
- Commit to completing design within one year.
- Submit planning documents to permit manager by 10/12/21.
- Upload planning document with the application.
- Receive approval of the planning document no later than12/14/21.
- Successful applicants must receive approval of the design document within one year of executing the loan.
- Successful applicants must complete SERP prior to start of construction.
- Complete cultural review prior to any ground disturbing activities.



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Important Milestones

- October 12, 2021 Draft engineering documents must be submitted to Ecology Regional offices.
- October 12, 2021 @ 5:00PM Applications must be submitted in EAGL.
- December 14, 2021 Deadline for engineering document approval.
- January 20, 2022 Proposed funding list available.
- June 30, 2022 Final offer List. Formal offer letters sent.
- January 31, 2023 Financial Assistance Agreements must be signed.
- April 30, 2023 Project work must be underway.
- January 2024 Step-4 designs must be approved.
- July 1, 2027 Project work must be completed.



Requirements for funded projects

- Applicant must be in compliance with the Growth Management Act (GMA) before finalizing agreement.
- Follow the State public works procurement rules
- Comply with conditions of SERP and Cross cutters
- Federal Davis-Bacon wage law
- Federal Disadvantaged Business Enterprise
- Federal Debarment and Transparency requirements
- Investment Grade Efficiency Audit
- American Iron and Steel requirements
- Asset Management



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Application



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Scored Questions

1: Funding Request

2: Scope of Work

3: Task Costs and Budget

4: Project Team

5: Project Planning and Schedule

6: Water Quality and Public Health Improvements

7: Hardship

(up to 15)

(up to 75)

(up to 135)

(up to 65)

(up to 160)

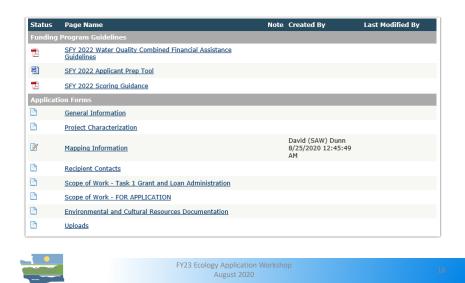
(up to 500) (up to 50)

Total: Up to 1000

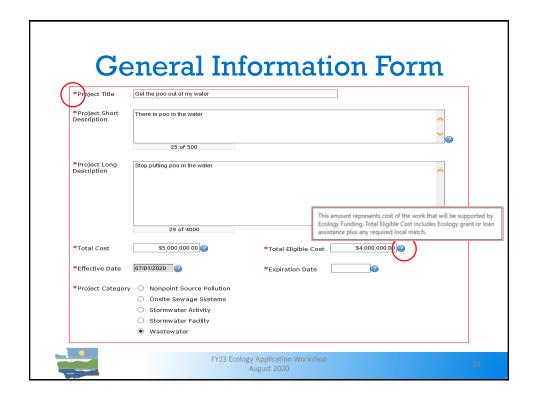


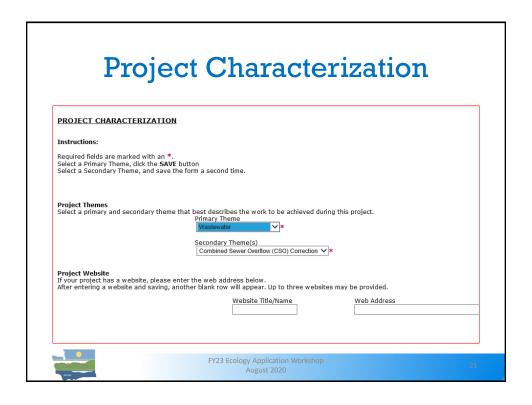
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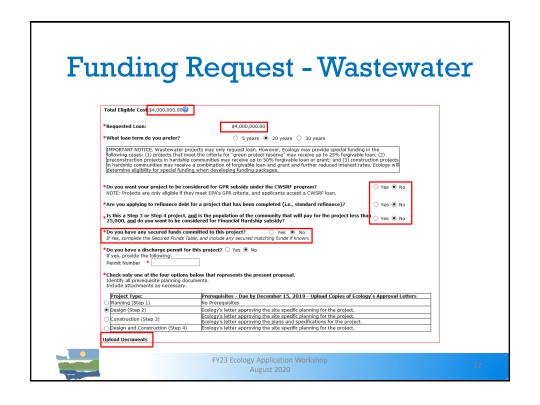
Navigation











Fui	ndina Re	quest – Wastewater Project
		<u> </u>
	Total Eligible Cost: 4,000,000.	00@
	*Requested Loan:	\$4,000,000.00
	*what loan term do you prefe	r? ○ 5 years ● 20 years ○ 30 years
	cases: (1) projects that meet the projects in hardship communities	r projects may only request loan. However, Ecology may provide special funding in the following orders for "green project reserve" may receive up to 25% legislable loan; 2) greenstruction containing the project reserve of the project reserve of the project reserve in the p
		be considered for GPR subsidy under the CWSF program? ○ Yes
	*Are you applying to refinance	e debt for a project that has been completed (i.e., standard refinance)? O Yes No
		ject, <u>and</u> is the population of the community that will pay for the project less than econsidered for Financial Hardship subsidy? O yes No
		o repay the CWSRF loan and operate/maintain/repair the project. If you lescribe how you will raise and maintain sufficient funds to repay the loan the project.
		<u> </u>
	0 of 1000	
	*What is the total number of e	equivalent residential units (ERUs) for your facility/system?
		ds committed to this project? ○ Yes ● No nds Table, and include any secured matching funds if known.
	*Do you have a discharge per If yes, provide the following: Permit Number *	mit for this project? ● Yes ○ No
	*Check only one of the four or Identify all prerequisite planning Include attachments as necessa	otions below that represents the present proposal. 75. 77.
	Project Type:	Prerequisites - Due by December 15, 2020 - Upload Copies of Ecology's Approval Letters
	Planning (Step 1)	No Prerequisites
	Oesign (Step 2)	Ecology's letter approving the site specific planning for the project.
	Construction (Step 3)	Ecology's letter approving the site specific planning for the project. Ecology's letter approving the plans and specifications for the project.
	 Design and Construction (Ster 	
	Upload Documents	
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Funding Request Form (15 total points)

Scoring

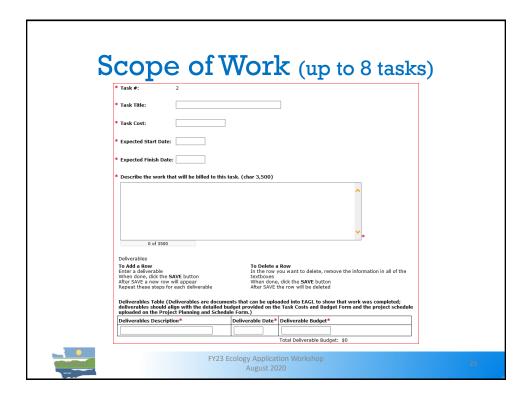
This form is worth up to 15 total points as follows.

• **0-15 points**: Applicant has identified adequate matching funds. (Full points if no match is required.)

Guidance

- To receive full points the match plus funding request must equal the project cost.
- Applicants that will accept loan dollars will receive full points.
- Match may exceed the minimum amount required.





Scope of Work (75 points)

Scoring

This form is worth up to **75 total points** as follows.

• 0-75 points: The scope of work represents a complete and concise description of the project tasks and outcomes, including deliverables.

Guidance

- Scope must demonstrate an understanding of all elements necessary to implement and complete the project.
- Maps, plans, and detailed drawings of proposed BMPs and their locations, and other documents that show the feasibility of the project should be uploaded on the "Uploads" form.
- Deliverables should provide evidence that the task has been successfully completed. Examples include: reports, maps, pictures, educational materials, meeting agendas and notes, construction documents, copies of agreements, lists and quantities of BMPs, etc.



Task Cost and Budget
*Describe the process used to estimate the cost of the project. If your process included reviewing similar projects, describe how this review affected your estimate.
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*Has the proposed project been demonstrated to be the lowest cost solution to the problem? If the proposed project is not the lowest cost, describe the other benefits or considerations such as feasibility, community acceptance, or coordination with other projects that influenced the decision making process.
^
<u> </u>
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*Upload a detailed budget for the project and any supporting documentation, including engineers estimates, cost analysis, etc.
Upload Documents
Click the Browse button Select your file Click Save, your file will appear in the List of uploaded documents Repeat for each file
To Delete a file, select the Delete checkbox next to the file and click SAVE Browse
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Task Cost and Budget (135 points)

Scoring

- 0-50 points: The application demonstrates how the applicant arrived at the cost estimate for each task. The process used by the applicant to develop this estimate is based on real-world data
- **0-85 points**: The cost to complete the scope of work is reasonable when compared to similar projects in the region.

Guidance

- Applicants should "show their work" and describe the general method used for cost estimation. Supporting documentation may be included as a separate upload.
- Applicants should reference any similar projects that they have completed or have been completed in their region and explain why the cost of the proposed project is greater or less than the referenced project.



		oject 1					
*Fill out the following table to describe your Project Team, including staff, contractors, and partner agencies:							
Team Member Name/and or Title	Agency/Company Name	Key Responsibilities	Qualifications/Experience	Estimated Total Hours Devoted to the Project	Who will take over the person's responsibilities if they are unable to work on the project?		
		^	^		^		
				@			
		0 of 100	0 of 100		0 of 50		
*Describe similar projects that your p	project team or organization has cor	npleted. Note any deviations from t	the original proposal in scope, budge	t. or schedule	and briefly describe project		
success and lessons learned. If the p					,		
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Project Team (65 total points)

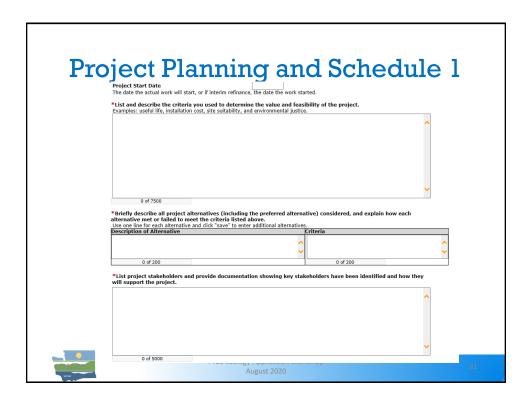
Scoring

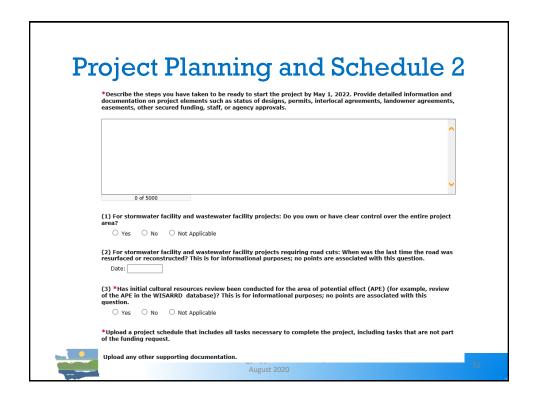
- 0-50 points: Team members' roles and responsibilities are well defined and adequate for the scope of work. Team members' past experience is relevant to the proposed project. Applicant has a plan in place to maintain sufficient staffing levels to complete the project.
- 0-15 points: The applicant documents successful performance on other funded water quality projects, including Ecology funded projects. Previously constructed projects provided the water quality benefits described in the project application on time and within budget.

Guidance

- Application should demonstrate the applicant's understanding of the skillset required to successfully complete the project and show that the proposed team has successfully demonstrated those skills. Specific information such as "managed construction of 10 stormwater projects in Washington", will score higher than "10 years' experience as a P.E.".
- If the project team includes staff that will be hired to complete the project, the application should list the skill set they will be seeking to hire.







Project Planning (60 total points)

Scorina

- **0-40 points**: Applicant used a complete and well-defined set of criteria to determine the value and feasibly of the proposed project and included the useful life and long-term maintenance costs in their evaluation of the project and project alternatives.
- 0-20 points: Applicant has provided documentation showing that key stakeholders have been identified and will support the project.

Guidance

- Project criteria should include all factors that were considered by the applicant when selecting a project to implement. Criteria should reflect both the feasibility of the project and the water quality value.
- Applicant must discuss how the proposed project and the rejected alternatives met or failed to meet these criteria.
- Documentation showing stakeholder support may include minutes from public or city council meetings, or letters of support from tribes, other local governments, nongovernmental organization, homeowners associations, landowners, etc. Larger communities must include other relevant departments such as maintenance, parks and recreation, health, permitting, etc. in the stakeholder process to receive full points.



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Project Schedule (100 total points)

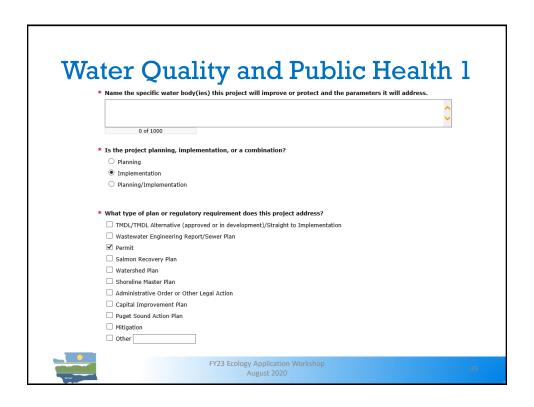
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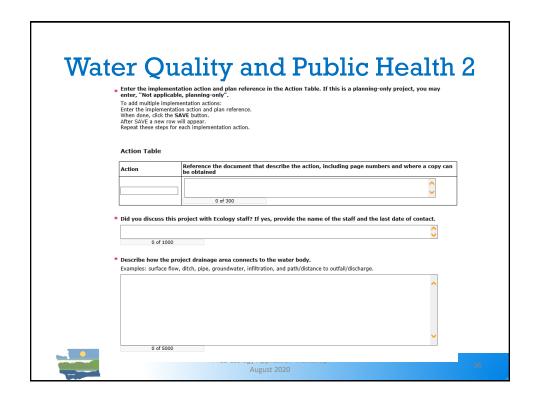
- **0-25 points**: The project schedule includes all tasks including pre-project administrative elements such as permitting, MOUs, landowner agreements, etc., and provides sufficient time to complete all elements.
- **0-75 points**: The applicant is ready to start on the proposed scope of work and can begin drawing down funds.

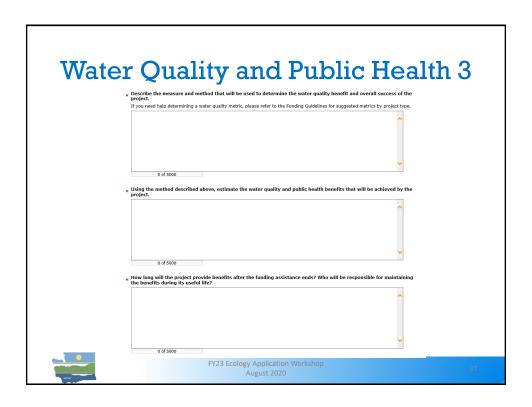
Guidance

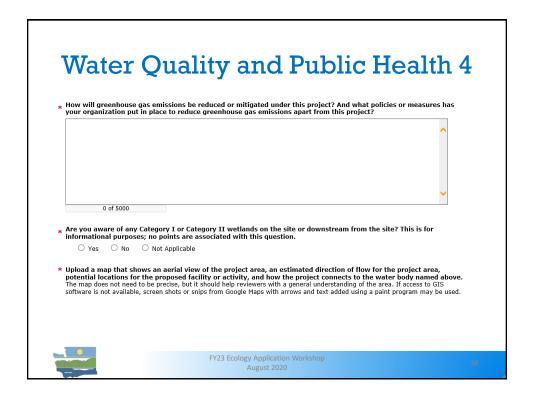
- The applicant should upload a schedule that has enough detail to show the reviewer that all tasks and deliverables have been included. Applicants should consider providing a Gantt chart for complex projects with tasks that will run concurrently.
- The schedule should correlate with the scope of work and budget.
- The applicant should upload planning supporting documentation.
- To receive full points, tasks that must be completed prior to beginning work on the proposed scope but are not part of scope of work, (e.g., a design of a road repair project that will be simultaneous with a road stormwater project) must be completed.
- The applicant must be ready to start on the proposed scope of work within 10 months of the publication of the Final Offer List.











Water Quality and Public Health (500 points)

Scoring

- **0-135 points**: Project proposes to reduce or prevent pollution in a waterbody that has been identified as a priority by a local, state or federal agency.
- **0-150 points**: The proposed project area is directly connected to the water body identified for improvement and applicant has provided sufficient technical justification to show the proposed project will reduce the pollutants of concern in the water body identified for improvement.
- **0-50 points**: Applicant has identified how each task will be evaluated in order to determine success, noted if the measure is quantitative or qualitative, and defined a goal.
- **0-50 points**: Applicant has a plan and commitments in place to fund long-term maintenance and sustain the water quality benefits of this project.
- **0-100 points**: The project will achieve substantial water quality and public health benefits.
- 0-15 points: How well does the applicant and the project address greenhouse gas emission reductions in accordance with RCW 70.235.070?



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Water Quality and Public Health (500 points)

Guidance 1/2

- Responses to the questions on this form must clearly be tied to the tasks, goals, and outcomes delineated in the Scope of Work.
- If the project is required by the state or a federal agency, applicants should provide references or documentation, including permit conditions, Ecology orders, Court orders, or other correspondence.
- Responses to the questions must be supported by the tasks delineated in the scope of work.
- If the project is required by the state or a federal agency, applicants should provide references or documentation, including permit conditions, Ecology orders, Court orders, or other correspondence.
- Applicants must reference and describe all local or regional water quality planning or regulatory documents that apply to the water body targeted for improvement including local watershed plans, TMDLS, and permits.
- Applicants should provide maps and aerial photos to illustrate how the project area is connected to the water body. Nonpoint projects should include basic topographic information to show direction of overland flow. Projects primarily designed to protect or recharge groundwater should describe the soils in the project area and any known aquifers, wells, or areas of high groundwater.



Water Quality and Public Health (500 points)

Guidance 2/2

- The work proposed must be appropriate to address the pollutants generated in the project area and should support the goals outlined in the water quality planning documents.
- Consideration of a project's "value" includes both qualitative and quantitative improvements over time relative to the overall costs of the project.
- Goals should have clear numeric commitments (e.g., volumes or area treated, quantity installed, people contacted, feet restored, etc.). Goals that do not have a strong connection to improvement in water quality will not receive full points.
- Plans to sustain water quality benefits must include an estimate of project life cycle maintenance costs and identify how those costs will be met.
- Projects in the Puget Sound watershed must be consistent with the Puget Sound Action Agenda, and applicants for stormwater projects in the watershed must have considered project connection to Governor's Executive Order on Southern Resident Killer Whale recovery; see

https://www.governor.wa.gov/sites/default/files/exe_order/eo_18-02_1.pdf.

• Evaluators award full points for the greenhouse gas emission reductions question if both the applicant and the project address the issue. Partial points will be awarded if either the applicant or the project addresses the issue. No points will be awarded if neither the applicant nor the project addresses the issue.



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Remember Required Uploads

- Upload planning document.
- Upload budget and supporting documentation
- Upload Project Schedule
- Map(s) of the project area
- Submit Engineering Documents to region.



Additional information

- <u>David.Dunn@ecy.wa.gov</u> 360/515-8601
- Ecology funding program site: https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Water-Quality-grants-and-loans
- FY2022 Funding information:
 https://ecol3gy.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Water-Quality-Combined-Funding-Program/WQC-funding-cycle
- Grant and Loan listserv: http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=ECY-WQ-GRANTS-LOANS&A=1

